

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,291,247 B2  
APPLICATION NO. : 10/625086  
DATED : November 6, 2007  
INVENTOR(S) : Jeffrey A. Lee

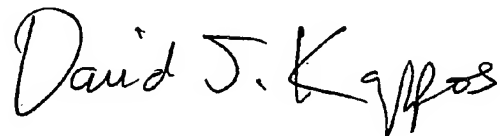
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 1, line 62, delete "his" and insert --its--;  
In Column 1, line 67, insert --%-- after "20";  
In Column 2, line 16, insert --are-- after "they";  
In Column 3, line 51, delete "processed" and insert --processes--;  
In Column 5, line 34, delete "and that the" and insert --where--;  
In Column 5, line 35, delete "which";  
In Column 5, line 36, insert --of-- after "area";  
In Column 9, line 34, delete "kraft" and insert --Kraft--;  
In Column 10, line 2, insert -- - -- after "non";  
In Column 11, line 24, delete ")" after ".";  
In Column 11, line 35, insert --(-- before "W<sub>2</sub>";  
In Column 11, line 44, delete "Tappi" and insert --TAPPI--;  
In Column 13, line 13, delete "a";  
In Column 13, line 13, insert -- - -- after "screw";  
In Column 14, line 23, insert --were-- before "performed";  
In Column 14, line 42, delete "appears" and insert --appear--;  
In Table 2 (Columns 15-16), Example 8, delete "0.466" in the 5th column of the Table and insert --0.466--;  
In Table 3 (Columns 17-18), delete the first instance of "DTPA" in the 3rd column of the Table;  
In Table 3 (Columns 17-18), delete the first instance of "Caustic" in the 5th column of the Table;  
In Table 4 (Columns 17-18), Example 14, delete "12.24" in the 4th column of the Table and insert --12.74--;  
In Table 4 (Columns 19-20), Example 24, delete "72029" in the 4th column of the Table and insert --72.029--;  
In Table 5 (Columns 19-20), change "Ret" after "Example" to --Ret Hour--;  
In Table 6 (Columns 19-20), insert --Refiner Operation-- underneath "Examples 26-35 Pulp Operating Conditions";  
In Column 23, line 56, delete "FIG." and insert --FIGS.--; and  
In Column 26, line 42, insert --,-- after "(1)".

Signed and Sealed this

Twenty-second Day of June, 2010



David J. Kappos  
*Director of the United States Patent and Trademark Office*